

TEXA ADAS

**UNBEATABLE
COVERAGE**



www.texausa.com

TEXA

TEXA radar and camera calibration solutions

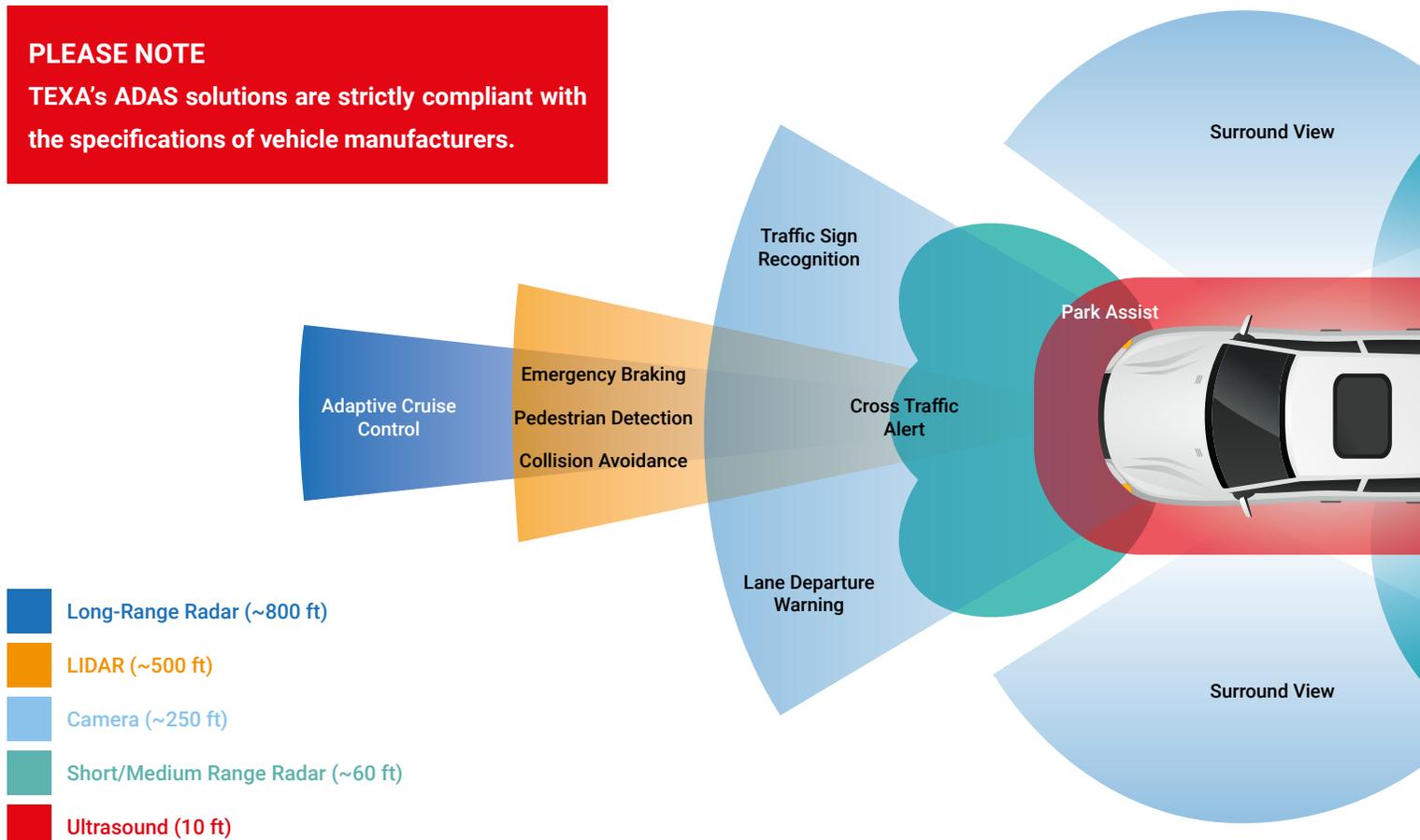
ADAS systems (Advanced Driver Assistance Systems) are designed to ensure driving safety and comfort and are becoming increasingly common in latest-generation vehicles, even in the utility segment. Functions include autonomous emergency braking, assisted speed control, lane departure, pedestrian and traffic sign recognition, to name just a few.

The ability to provide professional services for these systems is no longer an option but a practical necessity if you want to keep pace with the times and offer your customers a top class assistance.

To help vehicle repair professionals work on these sophisticated active safety systems, TEXA has developed **a complete range of modular, multi-brand tools** that satisfy the needs of **glass replacement specialists, body shops, multi-brand garages and tire fitters**.

PLEASE NOTE

TEXA's ADAS solutions are strictly compliant with the specifications of vehicle manufacturers.

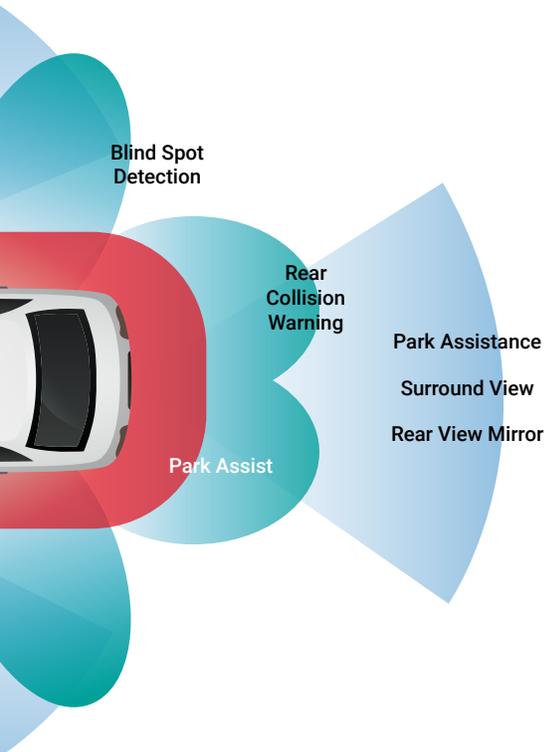


The range includes:

- **RCCS 2 (Radar and Camera Calibration System), available in three versions**
- **CCS (Camera Calibration System)**
- **ACS (All Around Calibration System)**
- **Radar blind spot calibration reflector**
- **ADAS TRUCK kit**

These TEXA solutions help you restore ADAS functions with maximum precision **according to the vehicle manufacturer's own standards**, perform static and dynamic calibrations.

The **IDC5 software** guides the technician step by step throughout the procedures, thanks to **dedicated help** data sheets specifically developed for each vehicle.



ADAS COVERAGE: CONSTANT COMMITMENT AND DEVELOPMENT

ACURA
ALFA ROMEO
AUDI
BENTLEY
BMW
CHEVROLET
CHRYSLER
FIAT
FORD
HONDA
HYUNDAI
INFINITI
JAGUAR
JEEP
KIA
LAMBORGHINI
LAND ROVER
LEXUS
LINCOLN
MAZDA
MERCEDES-BENZ
MINI
MITSUBISHI
NISSAN
PORSCHE
ROLLS-ROYCE
SMART
SUBARU
SUZUKI
TOYOTA
VOLKSWAGEN
VOLVO

RCCS 2: a simple, safe and professional ADAS Calibration System

RCCS 2 allows you to work independently in all phases of repair and even check ride height on **cars and light commercials** to offer your customers a **simple, safe** and highly **professional service**.

The RCCS is **modular** since it is compatible with all TEXA panels, with the possibility to choose only the required panels, based on the operator's needs.

The RCCS is **versatile**, as it can be used in combination with the other specific solutions for the calibration of radars and rear cameras, therefore creating a complete solution that allows you to operate on electronic driver assistance systems, such as:

- **Rear collision warning**
- **Lane departure warning**

- **Adaptive cruise control**
- **Park assist**
- **Traffic sign recognition**
- **Blind spot detection**
- **Night vision system**
- **360° camera**

RCCS 2 is a complete, professional solution for all kinds of radar and camera calibration.

The system comprises a robust main support with **electrically powered** height adjustment and a practical knob at the rear for adjustment of tilt with respect to the vehicle. The adjustment bar is equipped with **two distance meters** and a sliding **reflector plate** with a central laser for front radar pointing. **An additional laser level** at the top of the



structure locates the centre of the vehicle simply by pointing at its front badge. This advanced technology allows the system to be aligned **easily, accurately** and **safely** with respect to the vehicle and the floor. The RCCS 2 system is mounted on castoring wheels for easy movement around the workshop.

RCCS 2's high-performance optical alignment lets you perform all kinds of calibration work on radar and camera systems quickly and accurately.

The vehicle is aligned by the lasers of two **distance meters** mounted on the structure's cross-beam aimed at two practical **pointing bands**.

It is important to remember that **correct vehicle alignment must be checked** before all calibration work to avoid the risk of inaccurate settings, reduced safety and customer dissatisfaction. Many garages are currently obliged to call in a professional with the specialist equipment needed

to check vehicle alignment, with an obvious impact on the organisation and profitability of their work.

To solve this problem for garages committed to offering customers a complete and highly professional service, **the RCCS 2 system with wheel clamps can be expanded** and electronic CCD detectors added to check ride height and digital alignment.

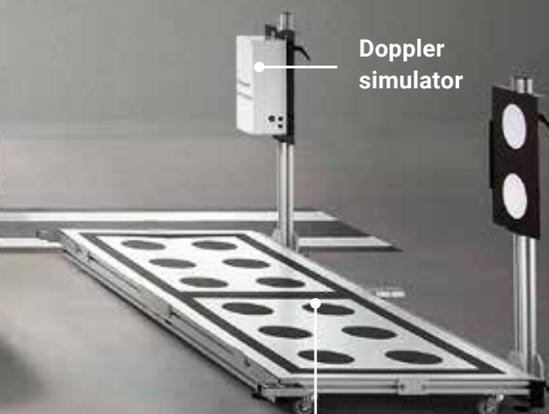


Tire clamps

***A great opportunity for body shops,
tire fitters, mechanics and
glass replacement specialists.***



Tire clamps



ACS device



Latest generation laser technology

These new distance meters are TEXA's latest solution for guaranteeing the high level of professionalism and precision now demanded from the world's garages.



Detail of the sliding **reflector plate** and central laser for front radar pointing.

The RCCS 2 structure features a practical knob at the rear for accurately adjusting panel position and ensuring perfect perpendicularity to the vehicle.



Precision panel
adjustment knob

The CCS, a multi-brand kit for Camera Calibration

While in the past, if the windscreen was damaged or broken, all you had to do was replace it, now it is necessary to restore the proper operation of the cameras dedicated to driver assistance.

The **CCS (Camera Calibration System)** has been designed to create the best combination according to the technician's operational needs. It is composed of a robust **support** on which the several **panels divided by make** are to be positioned.

The CCS can also be used with a graduated mat and two supports to centre the axle on the wheels through laser levels (optional).

The manufacturing features of the Kit make it a solution that is extremely **easy to use, handy and easy to carry**, even for use outside of the workshop. The CCS is perfect for those who cannot permanently dedicate an area of their workshop to the calibration of cameras: in fact, once the operations on one or several vehicles is complete, all the equipment can be disassembled and easily stored away.





IR Calibration Target

This extremely useful accessory permits rapid and extremely accurate calibration of the vehicle's **infrared camera**, a device that is essential to road safety as it helps drivers identify persons or animals ahead in the dark. Positioned in front of the vehicle, the IR Calibration Target **simulates the presence of a warm body**.

Reflector for blind spot radar calibration

It is an essential device to calibrate the ultrasonic radars installed in vehicles such as **HYUNDAI, HONDA, KIA, LEXUS, MAZDA, MITSUBISHI, SUBARU, TOYOTA**. It is composed of a metal reflector cone, a laser and a goniometer jig to help the operator position the pyramid cone correctly. The **reflector** developed by TEXA is flexible as it can be used for the **front, side** and **rear** radars.



ACS (All Around Calibration System)

The ACS system is particularly useful as it permits the **calibration of 360° cameras and Doppler devices*** on vehicles of the VAG Group (AUDI, VOLKSWAGEN and LAMBORGHINI).

The ACS system comprises an aluminium structure that holds two horizontal panels and practical, vertical supports for two additional magnetic plates. The base incorporates three holders for the laser distance meters needed to verify the correct alignment of the structure with respect to the vehicle.

This TEXA solution is extremely practical and comes with wheels for rapid, easy movement. This is an important characteristic as it **allows a single operator to perform all operations** quickly and easily, saving resources and time for other jobs.

*Rear and side radar can be calibrated using TEXA's Doppler Simulator.



**NEW
2019**

Calibration panels and accessories

CAR calibration panels



KIA/HYUNDAI, FIAT 500X and JEEP RENEGADE Type 2
(front)



MERCEDES
(front)



MERCEDES night vision
(front)



NISSAN/INFINITI
(front)



NISSAN Type 1
(front)



NISSAN Type 2
(front)



VAG
(front)



TOYOTA Type 1
(front)



TOYOTA Type 2
(front)



HONDA
(front)



HONDA Type 2
(front)



ALFA ROMEO Type 1
(front)



MAZDA
(front)



MAZDA Type 2
(front)



SUBARU with calibration template
(front)



MITSUBISHI/SUZUKI
(front)



KIA HYUNDAI
(front)

Additional kits



ACS (All Around Calibration System)



Doppler Simulator for
VAG and **MAZDA**



MAZDA radar calibration kit

CAR rear / 360° camera calibration



VAG
(rear)



NISSAN QASHQAI
(rear)



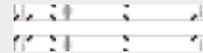
VAG
(cam 360°)



MITSUBISHI
(rear)



MERCEDES Type 1
(rear)



KIA HYUNDAI
(rear)



MERCEDES Type 2
(rear)

CAR radar calibration



Template kit for **VOLVO RADAR**
positioning



Blind spot cone
TOYOTA/SUBARU/HONDA



Blind spot cone support kit



Blind spot cone
KIA/HYUNDAI/MAZDA



Blind spot cone **MITSUBISHI**

The panels can be perfectly integrated with the RCCS 2 and CCS.
Check the complete and always up-to-date ADAS coverage: www.texa.com/adas

A perfect match with the IDC5 software

TEXA's solutions are to be used in combination with the **IDC5 diagnostic software**, which allows quick calibrations.

In fact, the application provides specific **diagnostic help sheets** for each make/model, with the instructions for the **correct positioning of the unit** (such as panel height from the ground, distance from the vehicle, alignment, etc.), guiding you step by step throughout the procedures.

At the end of the calibration, you can also print a report to hand over to the customer, with the evidence of the operations carried out.



TEXA devices are an ideal solution for operators, allowing them to:



Expand the business;



Operate easily, safely and professionally;



Recalibrate all ADAS installed in vehicles;



Build up the most suitable combination based on your own professional needs;



Invest in an innovative system with a secure economic return;



Count on highly qualified training, with the dedicated TEXAEDU courses.

TEXA

TEXA (Italian acronym of Electronic Technologies for the Automotive) was founded in 1992 by two visionary entrepreneurs who were experiencing the switch to electronic control modules in the daily activities of their automotive business. Twenty-six years has passed and TEXA has become the European leader in the design, industrialization, and manufacturing of aftermarket diagnostic tools, air conditioning recharging stations, exhaust analyzers and remote diagnostic devices for cars, bikes, trucks, buses, agricultural and marine vehicles.

TEXA has a widespread commercial network of approximately 500 distributors and 9 branch offices in Spain, Germany, UK, France, Russia, US, Poland, Japan and Brazil.

TEXA USA Inc. is the youngest TEXA branch. The office takes care of all operations in the US and Canada with national and local dealers actively promoting the TEXA products all over North America. In only a few years TEXA USA has established itself as one of the premier players in HEAVY DUTY diagnostics. Great results in this field did not compromise TEXA's activities in different environments. Thanks to TEXA's relations with several OEMs its POWERSPORT solution is considered the must-have diagnostic tool for motorcycles and UTVs.

The OFF-HIGHWAY and MARINE environments are gaining momentum and the TEXA SUPERCAR software is a fantastic option for exotic and European cars. Thanks to a solid background in the automotive business, strong principles, and the willingness to go above and beyond to serve its customers TEXA has proven to be one of the leaders in the industry. TEXA makes things happen!



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instagram.com/texa_usa



<https://www.youtube.com/channel/UCeRUc40oDFoydk0040SkIqA>

WARNING

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To check on IDC5 compatibility and minimum system requirements, go to: **www.texausa.com/system**

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